

## C.4

MEMO TO: City Council

FROM: Rosemarie Ives, Mayor

DATE: July 19, 2005

SUBJECT: **ACCEPTANCE OF CONSTRUCTION FOR 2004 MISCELLANEOUS  
WATER SYSTEM IMPROVEMENTS, PROJECT NO. 04-OW-79/100317**

### I. **RECOMMENDED ACTION**

Move to approve the final contract amount with Kar Vel Construction of Renton, Washington, for the base bid amount of \$2,565,381.60 plus change orders, bid item quantity increases and decreases and appropriate sales tax, which resulted in a final contract amount of \$1,778,673.49, and accept construction of the 2004 Miscellaneous Water System Improvements, Project No. 04-OW-79/100317 as of July 19, 2005.

### II. **DEPARTMENT CONTACT PERSONS**

David Rhodes, Director of Public Works	556-2705
Bill Campbell, City Engineer/Assistant Director of Public Works	556-2733
Ron Grant, Construction Engineering Manager	556-2742
Michael Haley, Project Manager	556-2843

### III. **DESCRIPTION**

The 2004 Miscellaneous Water System Improvement Project is a compilation of water system upgrades throughout the City of Redmond and parts of King County. A large portion of the water system was replaced in the Rose Hill area in the vicinity of NE 100<sup>th</sup> Street in King County. Several pressure reducing stations were also replaced around the City.

Overall there are nine locations around the City that have been improved. The main components of the project constructed include: 4,000 linear feet of 12-inch diameter water pipe; 1,865 linear feet of 8-inch diameter water pipe; and replacement of seven

pressure reducing valve stations. Other significant aspects of the project include full street overlay of:

- NE 100<sup>th</sup> Street from 132<sup>nd</sup> Avenue NE to 137<sup>th</sup> Avenue NE;
- 136<sup>th</sup> Avenue NE from NE 100<sup>th</sup> Street to NE 102<sup>nd</sup> Street;
- NE 102<sup>nd</sup> Street from 136<sup>th</sup> Avenue NE to 137<sup>th</sup> Avenue NE;
- NE 88<sup>th</sup> Street from 166<sup>th</sup> Avenue NE to 169<sup>th</sup> Avenue NE; and
- 172<sup>nd</sup> Avenue NE from NE 80<sup>th</sup> Street to NE 79<sup>th</sup> Street.

The contractor began work in July of 2004, and work was completed in June of 2005. The final contract amount is different than the original bid due to variations in the bid item quantities and a number of change orders, which include: Deletion of the replacement of five large meter stations due to time constraints in the construction agreement with the property owners. These will be re-bid at a later time.

There were no contractor claims filed against the City, and no liquidated damages were assessed against the contractor.

All work under Schedules A, B and C of this contract has been completed in accordance with the plans and specifications approved by the City Engineer. The recommended action approves the final amount and constitutes final acceptance of the work under the contract.

#### IV. **IMPACT**

A. Service/Delivery:  
Water system upgrades are complete.

B. Fiscal:

<u>Construction Costs:</u>	
Original Contract (Tri-State Construction)	\$2,357,877.50
Bid Item Quantity Increase & Decrease	(263,439.80)
Change Orders	(459,628.32)
Sales Tax	<u>143,864.11</u>
Subtotal	\$1,778,673.49
 Construction Engineering and Inspection	 <u>114,908.00</u>
Total	\$1,893,581.49
 <u>Project Funding:</u>	
Water/Wastewater CIP	\$1,893,581.49

**V. ALTERNATIVES**

None.

**VI. TIME CONSTRAINTS**

Following project acceptance, in accordance with RCW 60.28, the contract retainage will be released upon receipt of clearances from the Department of Revenue and Labor & Industries and a mandatory 45-day waiting period for filing of claims and liens.

**VII. LIST OF ATTACHMENTS**

A. [Vicinity Map](#)

**William J. Campbell for**  
\_\_\_\_\_  
David Rhodes, Director of Public Works

**7/8/05**  
\_\_\_\_\_  
Date

Approved for Council Agenda **s/s**  
\_\_\_\_\_  
Rosemarie Ives, Mayor

**7/8/05**  
\_\_\_\_\_  
Date

# Attachment A

Project Sites ○

**VICINITY MAP**

2004 MISC. WATER  
PROJECT

--- CITY LIMIT LINE



0 1000' 2000' 3000'

This map is for information purposes. It is intended to assist in showing property locations and is not guaranteed to be accurate or complete. There could have been updates since the publication of this map. The City of Redmond will not be responsible for reproductions of this map.

April 8, 1997

